

Chamber Oven 1 kW / 2400...2500 MHz

Based on Solid State Microwave Technology



Application

- Bakery oven for bread baking
- Increased homogeneity without moving parts
- Acceleration of baking processes by up to 75%
- Avoidance of Acrylamide
- Temperature adjustment 30° - 250° C

Technical Data

Type	Solid State
Power	4 x 250 W = 1 kW stepless adjustable in 1 W - steps
Frequency with matched load	2400...2500 MHz stepless adjustable in 1 MHz - steps
Supply voltage	230 V _{AC} 50 Hz
Total power consumption	10 kVA

Cooling

Water cooling of the Microwave Generators

Cooling water flow rate	12 l/min.
Inlet water temperature	20° - 25° C
Inlet pressure	min. 3.5 bar, max. 5 bar

Recommended performance of the recirculating chiller

Cooling capacity	min. 2.4 kW
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Dimensions

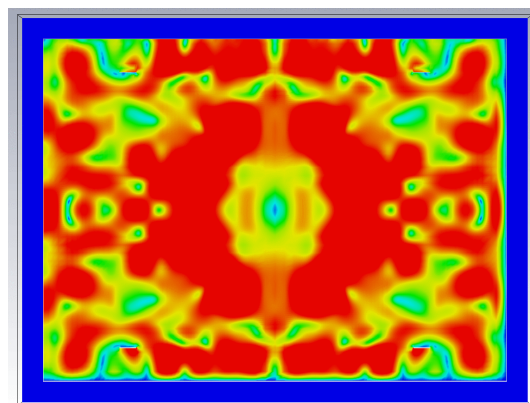
Outer dimension WxHxD	1100 x 1765 x 860 mm
Weight	ca. 350 kg

Housing

Chamber and frame made of stainless steel

Features

Chamber lighting with LED
Display with touch panel
Retractable oven door slides sideways into the housing
Humidity sensor or regulation
Hot air ventilation adjustment - 8 positions, closed circuit



Simulation of power flow